

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|--|--|
| 09/816,182              | PROCKOP ET AL.                          |  |  |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |  |  |
| Anne-Marie Falk, Ph.D.  | 1632                                    |  |  |  |  |  |  |  |  |

|                              | ISSUE CLASSIFICATION        |            |          |                |          |          |          |  |                      |          |            |        |  |            |                         |            |          |                    |            |  |
|------------------------------|-----------------------------|------------|----------|----------------|----------|----------|----------|--|----------------------|----------|------------|--------|--|------------|-------------------------|------------|----------|--------------------|------------|--|
|                              | ORIGINAL CROSS REFERENCE(S) |            |          |                |          |          |          |  |                      |          |            |        |  |            |                         |            |          |                    |            |  |
| CLASS SUBCLASS CLASS         |                             |            |          |                |          |          |          | SUBCLASS (ONE SUBCLASS PER BLOCK)              |                      |          |            |        |  |            |                         |            |          |                    |            |  |
| 435 372 435                  |                             |            |          |                |          | 3        | 25       | 36   | 6                    |          |            |        |  |            |                         |            |          |                    |            |  |
| INTERNATIONAL CLASSIFICATION |                             |            |          |                |          | <b>†</b> |          |  | -                    | 1        |            |        |  |            |                         |            |          |                    |            |  |
| С                            | C 1 2 N 5/08                |            |          |                |          |          | 1        |  |                      |          | -          |        |  |            |                         |            |          |                    |            |  |
| С                            | 1                           | 2          | N        | 5/00           |          |          |          | ╂──  |                      |          |            |        |  |            |                         |            |          |                    |            |  |
| _                            | _                           | ├─         |          | <del> </del>   |          |          |          | - <del></del>                                  |                      | <u> </u> |            |        |  |            |                         |            |          |                    |            |  |
| С                            | 1                           | 2          | N        | 5/02           |          |          | -        |  |                      | -        |            |        |  |            |                         |            |          |                    | ·          |  |
|                              |                             |            |          | 1              |          |          |          | ļ  |                      |          |            |        |  |            |                         |            |          |                    |            |  |
|                              |                             |            |          | /              | <i>'</i> |          |          |  |                      |          | ļ          |        |  |            |                         |            |          |                    |            |  |
|                              |                             |            |          |                |          |          | *        |  |                      |          |            |        |  |            |                         |            |          |                    |            |  |
|                              |                             |            |          |                |          |          |          | Anne-Marie Falk                                |                      |          |            |        |  |            | Total Claims Allowed: 9 |            |          |                    |            |  |
|                              |                             | (As        | sista    | nt Examine     |          | ate)     |          |  | ANNE MADIC PALE DU D |          |            |        |  |            |                         |            |          |                    |            |  |
|                              | 1/                          | 1) ~       | 1        | A + 30 .       | H        | 114/     | 05       | ANNE-MARIE FALK, PH.D PRIMARY EXAMINER 11/8/05 |                      |          |            |        |  | 7/05       | O.G.<br>Print Claim(s)  |            |          | O.G.<br>Print Fig. |            |  |
|                              | 1                           | 444        | nstr     | ر<br>ments Exa |          | (Dat     |          | (Primary Examiner) (D                          |                      |          |            |        |  |            |                         |            |          |                    | Ŭ.,        |  |
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| Г                            | <del>/</del>                |            |          |                | al : 4b  |          |          |  |                      | And by   |            | licant |  | ND 4       |                         |            |          |                    | 4 47       |  |
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| 7                            | <u>.</u>                    | Original   |          | <u> </u>       | Original |          | <u>a</u> | Original                                       |                      | ज        | Original   |        | ल  | Original   | <u></u>                 | Original   |          | <u>8</u>           | Original   |  |
| :                            | rına                        | Orig       |          | Final          | Orig     |          | Final    | Orig   |                      | Final    | Orig       |        | Final  | jr.        | Final                   | Jrig       |          | Final              | )rig       |  |
| $\vdash$                     |                             |            | _        |                |          |          |          |  |                      |          |            | 4      | <u> </u>   |            |                         |            |          |                    |            |  |
| -                            |                             | <u>1</u> 2 | 4        |                | 31<br>32 |          |          | 61<br>62                                       | -                    | -        | 91<br>92   | ┨      | -  | 121        | -                       | 151<br>152 |          | -                  | 181<br>182 |  |
| $\vdash$                     |                             | 3          |          |                | 33       |          |          | 63   | 1                    | $\vdash$ | 93         | -      |  | 123        |                         | 153        |          |                    | 183        |  |
|                              |                             | 4          |          |                | 34       |          |          | 64   |                      |          | 94         |        |  | 124        |                         | 154        |          |                    | 184        |  |
|                              |                             | 5          | 1        |                | 35       |          |          | 65   |                      |          | 95         |        |  | 125        |                         | 155        |          |                    | 185        |  |
|                              |                             | 6          | 4        |                | 36       |          |          | 66   |                      |          | 96         | ]      |  | 126        |                         | 156        |          |                    | 186        |  |
| <u> </u>                     | _                           | 7          | 4        |                | 37       |          |          | 67   |                      |          | 97         | 4      |  | 127        |                         | 157        |          |                    | 187        |  |
| -                            |                             | <u>8</u>   | -        |                | 38       |          | -        | 68<br>69                                       |                      | _        | 98         | -      |  | 128        |                         | 158<br>159 |          |                    | 188<br>189 |  |
|                              | _                           | 10         |          |                | 40       |          |          | 70   |                      |          | 100        | 1      |  | 130        |                         | 160        |          |                    | 190        |  |
|                              | 1                           | 11         |          |                | 41       |          |          | 71   | 1                    |          | 101        | 1      |  | 131        |                         | 161        |          |                    | 191        |  |
|                              | 2                           | 12         |          |                | 42       |          |          | 72   | ]                    |          | 102        | ]      |  | 132        |                         | 162        |          |                    | 192        |  |
| -                            | 3                           | 13         |          |                | 43       |          |          | 73   |                      |          | 103        |        |  | 133        |                         | 163        |          |                    | 193        |  |
| _                            | 4                           | 14         |          | <u> </u>       | 44       |          | ļ        | 74   | -                    |          | 104        |        | <u> </u>   | 134        |                         | 164        |          | <u> </u>           | 194        |  |
| <b>—</b>                     | 5<br>6                      | 15<br>16   |          |                | 45<br>46 |          |          | 75<br>76                                       | -                    | <u> </u> | 105<br>106 | _      | <u> </u>   | 135<br>136 | -                       | 165<br>166 |          |                    | 195<br>196 |  |
|                              | 7                           | 17         |          |                | 47       |          |          | 77   | 1                    |          | 107        |        | <del>                                     </del> | 137        |                         | 167        |          |                    | 197        |  |
| -                            | 8                           | 18         | _        |                | 48       |          |          | 78   | 1                    |          | 108        |        |  | 138        |                         | 168        |          |                    | 198        |  |
|                              | 9                           | 19         |          |                | 49       |          |          | 79   | ]                    |          | 109        |        |  | 139        |                         | 169        |          |                    | 199        |  |
| L                            | _[                          | 20         | 4        |                | 50       |          |          | 80   | 1                    |          | 110        |        |  | 140        |                         | 170        |          |                    | 200        |  |
| $\vdash$                     |                             | 21         | $\dashv$ | <u> </u>       | 51       |          | -        | 81   | -                    |          | 111        |        | <u> </u>   | 141        | <u> </u>                | 171        |          | <u> </u>           | 201        |  |
| -                            |                             | 22         |          |                | 52<br>53 |          | <b></b>  | 82<br>83                                       |                      |          | 112<br>113 |        |  | 142        |                         | 172<br>173 |          | <u> </u>           | 202        |  |
|                              |                             | 24         |          |                | 54       | 7        |          | 84   | v 1                  |          | 114        |        |  | 144        |                         | 174        |          |                    | 204        |  |
|                              | _                           | 25         |          |                | 55       |          |          | 85   |                      |          | 115        |        |  | 145        |                         | 175        |          |                    | 205        |  |
|                              |                             | 26         |          |                | 56       |          |          | 86   |                      |          | 116        |        |  | 146        |                         | 176        |          |                    | 206        |  |
|                              | $\Box$                      | 27         |          |                | 57       |          |          | 87   |                      |          | 117        | _      |  | 147        |                         | 177        |          |                    | 207        |  |
| -                            |                             | 28         |          | -              | 58       |          |          | 88   | -                    |          | 118        |        |  | 148        |                         | 178        |          |                    | 208        |  |
| +                            | -                           | 29<br>30   | $\dashv$ |                | 59<br>60 |          | <b>_</b> | 89<br>90                                       | -                    |          | 119        |        | -  | 149<br>150 |                         | 179<br>180 |          |                    | 209<br>210 |  |
|                              | - 1                         | οŲ         | 1        | 1              | 1 00     |          | ı        | 30   | 1                    | I        | j IZU      | 1      | l .  | 1 100      | - 1                     | 1 100      |          | I                  | 1 Z IU     |  |